



United States Environmental Protection Agency

Region 9 Laboratory

1337 S. 46th Street Building 201

Richmond, CA 94804

Subject: Analytical Testing Results - Project R05S35

SDG: 05055B

From: Brenda Bettencourt, Director

EPA Region 9 Laboratory

PMD-2

To: Chris Lichens

Site Cleanup Section 4

SFD-7-4

Attached are the results from the analysis of samples from the **Omega Chemical OU1 February 2005 Split Sampling** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Vance Fong at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

1,4-Dioxane



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Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Chris Lichens	Site Cleanup Section 4	SDG: 05055B
Project Number: R05S35	75 Hawthorne Street	Reported: 03/23/05 16:41
Project: Omega Chemical OU1 February 2005 Split Sampling	San Francisco CA, 94105	

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
OC1-OW8A-W-0-40	0502034-01	Water	02/23/05 13:15	02/24/05 09:45
OC1-OW8B-W-0-41	0502034-02	Water	02/23/05 15:00	02/24/05 09:45
OC1-OW6-W-5-42	0502034-03	Water	02/23/05 11:00	02/24/05 09:45

1,4-Dioxane analysis: Large levels of contamination including a high concentration of 1,4-dioxane were observed in the initial analysis of sample 0502034-01. As a result, 1,4-dioxane-d8 (surrogate) response and recovery were suppressed. The sample was re-run at a 200 X dilution. At this dilution level the surrogate recovery data are meaningless and were not reported. The sample result was flagged to reflect the lack of meaningful surrogate recovery data.



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Sample Results

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 0502034-01						Water - Sampled: 02/23/05 13:15		
Sample ID: OC1-OW8A-W-0-40						Semivolatiles Organic Compounds by EPA Method 8270C		
Surrogate: 1,4-Dioxane-d8	1.38		29 %		50-130%	B5B0113	02/24/05	02/27/05
Lab ID: 0502034-01RE1						Water - Sampled: 02/23/05 13:15		
Sample ID: OC1-OW8A-W-0-40						Semivolatiles Organic Compounds by EPA Method 8270C		
1,4-Dioxane	7600	Q7, J	200	ug/L	B5B0113	02/24/05	03/01/05	8270C/SOP315
Lab ID: 0502034-02						Water - Sampled: 02/23/05 15:00		
Sample ID: OC1-OW8B-W-0-41						Semivolatiles Organic Compounds by EPA Method 8270C		
1,4-Dioxane	0.5	C1, J	0.9	ug/L	B5B0113	02/24/05	02/27/05	8270C/SOP315
Surrogate: 1,4-Dioxane-d8	3.42		72 %		50-130%	"	"	"
Lab ID: 0502034-03						Water - Sampled: 02/23/05 11:00		
Sample ID: OC1-OW6-W-5-42						Semivolatiles Organic Compounds by EPA Method 8270C		
1,4-Dioxane	ND	U	1.0	ug/L	B5B0113	02/24/05	02/27/05	8270C/SOP315
Surrogate: 1,4-Dioxane-d8	3.65		76 %		50-130%	"	"	"



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R9

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Prepared: 02/24/05 Analyzed: 02/27/05

Batch B5B0113 - 3520B CLLE - 1,4-

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Dioxane

Blank (B5B0113-BLK1)

1,4-Dioxane	ND	U	1.0	ug/L						
Surrogate: 1,4-Dioxane-d8	4.04			"	5.00		81	50-130		

LCS (B5B0113-BS1)

1,4-Dioxane	8.0		1.0	ug/L	10.0		80	50-130		
Surrogate: 1,4-Dioxane-d8	3.77			"	5.00		75	50-130		

Matrix Spike (B5B0113-MS2) Source: 0502034-03

1,4-Dioxane	15		1.9	ug/L	18.7	ND	80	50-130		
Surrogate: 1,4-Dioxane-d8	7.01			"	9.34		75	50-130		

Matrix Spike Dup (B5B0113-MSD2) Source: 0502034-03

1,4-Dioxane	16		2.0	ug/L	20.1	ND	80	50-130	6	30
Surrogate: 1,4-Dioxane-d8	7.73			"	10.0		77	50-130		



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Project: Omega Chemical OU1 February 2005 Split
Sampling

Site Cleanup Section 4

**75 Hawthorne Street
San Francisco CA, 94105**

SDG: 05055B

Reported: 03/23/05 16:41

Qualifiers and Comments

Q7 Surrogate spike recoveries for this sample were outside control limits.
J The reported result for this analyte should be considered an estimated value.
C1 The reported concentration for this analyte is below the quantitation limit.
U Not Detected
NR Not Reported